Amendments to the Specification

Please replace paragraph [20] with the following amended paragraph:

[0020] FIGS. 2 a-b are is a sample portion of Component Cost Database'10' illustrating the elements of the database. Base Unit Cost is the total assembly cost for a given component's labor and material cost. The Base Unit Cost may be an inputted number in the database or may be dynamically derived by linking to subassembly databases for detailed component options such as door assemblies, window assemblies, plumbing assemblies, heating and cooling system assemblies. Adjusted Unit Cost is the cost for the component after adjustment to labor and material cost for a geographic location, adjustment to material cost for sales tax, adjustment to labor and material cost for subcontractor general conditions and if used, adjustment to labor and material cost for escalation. These factors are populated from the "Geographic Factors Database 70".

Please replace paragraph [21] with the following amended paragraph:

[0021] FIGS. 3 a-b are is a sample portion of Data Collection Tool '20' illustrating the nature of the structure of the tool. The Data Collection Tool is designed to present options to the user for selections. It is organized according to the building component elemental classifications described herein;

Please replace paragraph [22] with the following amended paragraph:

[0022] FIGS. 4 a-b are is a sample portion of Geographic Factors Database '70' illustrating the nature of the structure of the database. The geographic factors are organized as a record per Zip Code classification and include City, State, regional labor and material adjustment factor, sales tax rate, winter design temperature, heating degree days, summer design temperature, and cooling degree days. subcontractor general conditions and if used, escalation, are populated from the entered Project Criteria '30';

Please replace paragraph [23] with the following amended paragraph:

[0023] FIGS. 5 a-c illustrates the output screen of the Energy Model '80'. The energy model dynamically calculates an energy cost estimate of the residence based on the virtual geometry and thermal properties of component options selected according to an embodiment of this invention;

Please replace paragraph [24] with the following amended paragraph:

[0024] FIGS. 6 a-b illustrates a sample portion of the output screen for Residential Construction Estimate '100' and shows an example of the Baseline and Alternate modes, wherein the Alternate Selections illustrate the Self-Documenting line item changes to component costs and Self-Correcting feature (Line 022 Basement Excavation) wherein "ERROR" was triggered when "Walkout Basement" was deselected in Design Characteristics '40', requiring selection of Full Basement excavation options. This screen shows the format of how Assemblies of Construction '50'and Assembly Component Options '60' are structured to describe the selected Assemblies of Construction (e.g., 021.00 Basement Slab on Grade) and the selected Component Option(s) for that Assembly (e.g., 4" slab) and the resulting calculated Component Cost, populated from Component Cost Database '10', and the component quantity calculated from the Virtual Geometry;